

# 1 PURPOSE AND INTRODUCTION

## 1.1 INTENDED USE

The U.S. Department of Energy, Richland Operations Office (RL) uses this Hanford Site Environmental Management Specification (Specification) to document top-level mission requirements and planning assumptions for the prime contractors involved in Hanford Site cleanup and infrastructure activities under the responsibility of the U.S. Department of Energy, Office of Environmental Management (EM). This Specification describes at a top level the activities, facilities, and infrastructure necessary to accomplish the cleanup of the Hanford Site.

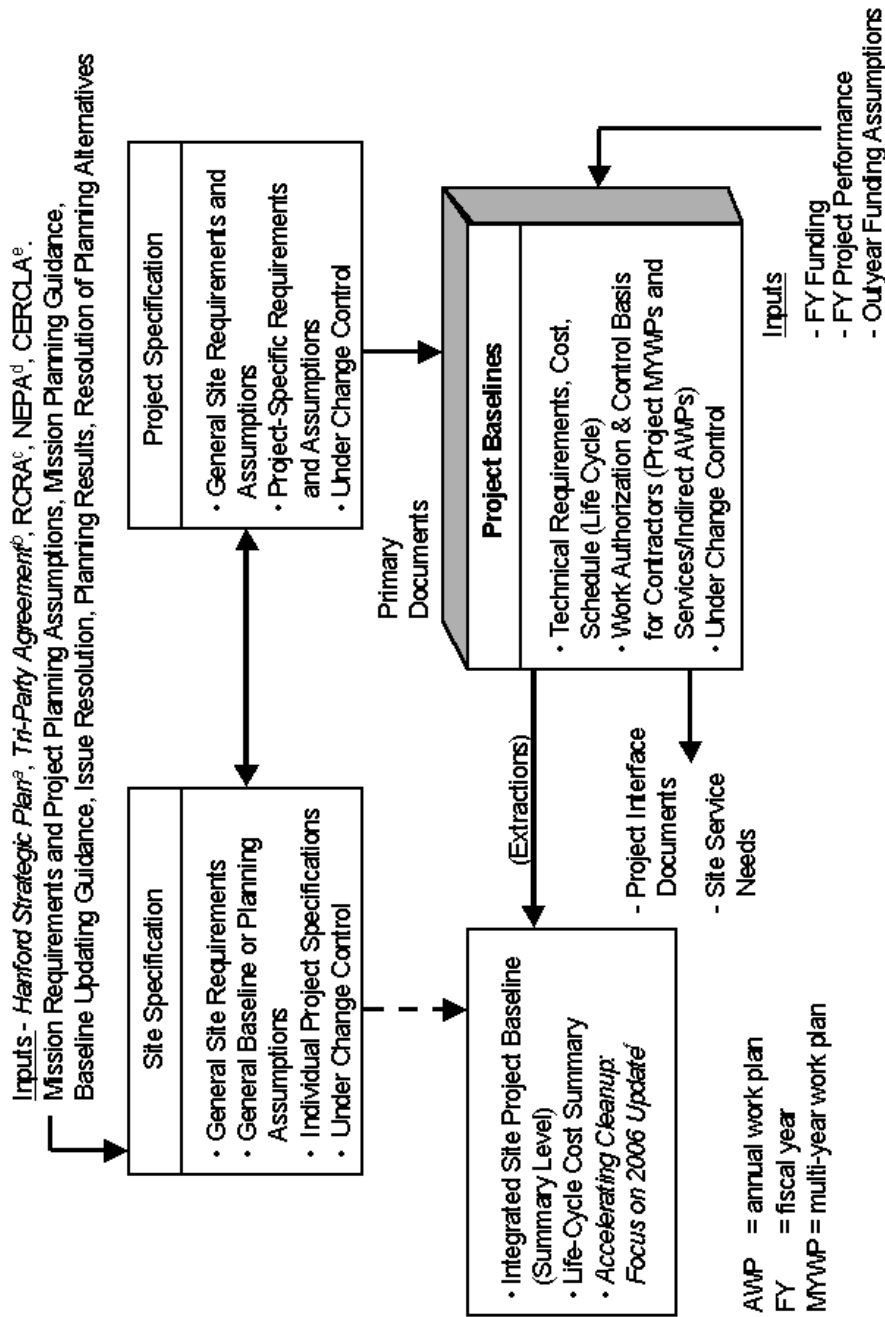
This Specification also references the key National Environmental Policy Act of 1969 (NEPA), Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), and safety documentation necessary to accurately describe the cleanup at a summary level.

The information contained in this document reflects RL's application of values, priorities, and critical success factors expressed by those involved with and affected by the Hanford Site project. It is a summary of the major requirements and planning assumptions, as well as the contractual requirements contained in the individual Prime Contracts. The individual Prime Contractors develop and maintain plans and baselines to implement the Specification.

Figure 1-1 shows the relationship of this Specification to the other basic Site documents.

Similarly, the documents, orders, and laws referenced in this specification represent only the most salient sources of requirements. Current and contractual reference data contain a complete set of source documents.

Figure 1-1 Basic Site Documents



<sup>a</sup>RL, 1996, *Hanford Strategic Plan*, DOE/RL-96-22, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington.  
<sup>b</sup>Ecology, EPA, and DOE, 1996, *Hanford Federal Facility Agreement and Consent Order*, as amended, Washington State Department of Ecology, U.S. Environmental Protection Agency, and U.S. Department of Energy, Olympia, Washington.

<sup>c</sup>*Resource Conservation and Recovery Act of 1976*, 42 USC 6901, et seq.

<sup>d</sup>*National Environmental and Recovery Act of 1976*, 42 USC 69-01, et seq.

<sup>e</sup>*Comprehensive Environmental Response, Compensation, and Liability Act of 1980*, 42 USC 9601, et seq.

<sup>f</sup>RL, 1997, *Accelerating Cleanup: Focus on 2006*, DOE/RL-97-57, U.S. Department of Energy, Richland Operations Office, Richland, Washington

## **1.2 RELATIONSHIP TO OTHER DOCUMENTS AND PROCESSES**

### **1.2.1 Tribal, Regulatory, and Public Involvement in Decision Making**

A goal of RL has been to move toward earlier tribal, regulatory, and public involvement in its planning and decision-making processes to share information and receive valuable input and recommendations during the formative stages of planning and decision making. To accomplish this goal, early drafts of planning guidance and predecisional analyses have been released, quite often before this material has been seen or reviewed by U.S. Department of Energy (DOE) management. This means that the material released may not be accurate and fully verified and, therefore, may be inconsistent with other documents and may not reflect the final position of the DOE. At this time, the DOE believes that it is preferable to have such open involvement in the DOE planning processes. Those who receive such early draft documents should recognize that the documents are by nature incomplete, unreviewed to a large extent, and potentially contradictory.

### **1.2.2 Decision-Related Actions**

In general terms, decision-related actions by the DOE should be viewed in three major categories: as portions of the "planning process," the "decision process," and "decision implementation."

The planning process involves such areas for activities and documentation as the following:

- Blue sky thinking
- Strategic thinking
- Planning alternatives development
- Preliminary engineering
- Preliminary alternative analysis
- Field activities to do investigation and characterization to support analysis
- Budget activities and funding to cover "planning activities."

The decision process involves such activities as the following:

- Analysis of the results from the planning process
- Formal NEPA and CERCLA decisions as appropriate where NEPA and CERCLA decisions are documented in Records of Decision (ROD), Findings of No Significant Impact, and Action Memorandum
- Budget activities and funding to cover the decision process and the implementation of decisions after they are completed.

The decision implementation involves the following:

- Final engineering
- Field activities to carry out the decision.

### 1.2.3 NEPA and CERCLA Considerations

In general, NEPA regulations prohibit the DOE from taking any major federal action that would adversely impact the environment or prejudice the final decision in an NEPA ROD before the ROD is approved. The CERCLA process, as followed by the DOE, includes consideration of NEPA values so that a CERCLA ROD is sufficient authority to implement a decision without a parallel NEPA process and NEPA ROD. The NEPA and CERCLA requirements allow the planning process as described above to be performed before entering a formal decision process.

### 1.2.4 RL Planning Documents

The *Hanford Strategic Plan* (RL 1996), *Mission Planning Guidance and Baseline Updating Guidance* (see DOE/RL-97-52 [RL 1997a]), DOE/EIS-0222D, *Revised Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land-Use Plan* (HRA-EIS) (DOE 1999), and *Accelerating Cleanup: Paths To Closure -- Hanford Site* (RL 1998) are all planning documents. They provide guidance and direction for planning and analyses that are not in all cases yet covered by NEPA or CERCLA documents. This is planning process work and, as such, does not need a final NEPA ROD, but instead shows where NEPA and CERCLA decision processes will be needed. The resultant NEPA and CERCLA RODs and *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) (Ecology et al. 1998) commitments take precedence over, and will cause changes and adjustments to be made to, the *Hanford Strategic Plan*, *Mission Planning Guidance and Baseline Updating Guidance*, or other planning process documents. For a complete list of NEPA and CERCLA documentation, see HNF-SP-0903, *National Environmental Policy Act Source Guide for the Hanford Site* (FDH 1999).

## 1.3 REQUIREMENTS AND PLANNING ASSUMPTIONS

A requirement is derived from an approved document that has been issued for action. These include statutes, approved DOE Orders, Defense Nuclear Facilities Safety Board (DNFSB) implementation plans, and NEPA and CERCLA Records-of-Decision. Planning assumptions are derived from draft documents and are used within the constraints of the law to develop project plans for budgetary and technical planning. Examples include draft EIS and CERCLA documentation, implementation plans and studies still under review and comment, and other similar sources. Planning assumptions may also be explicitly identified in approved requirements documents.

The Waste, Material, and Geographic Area Goals contained in the Hanford Strategic Plan (DOE/RL-96-92), represent planning assumptions around which the Hanford Environmental Management effort is structured. Each Mission Area and Project partially support each of these goals, per scope of work described in the Prime Contracts. As an aggregate, all Mission Areas and Projects will fulfill the requirements of the Hanford Strategic Plan. As such, the Goals identified in the subsequent sections cover only the goals supported by that specific Mission Area. Further details are contained in the Project planning documents. As records-of-decision are issued, these Goals will be amended in future revisions of the Hanford Strategic Plan.

## 1.4 REFERENCES

*Comprehensive Environmental Response, Compensation, and Liability Act of 1980*, 42 USC 9601, et seq.

DOE, 1999, *Revised Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land-Use Plan*, DOE/EIS-0222D, U.S. Department of Energy, Washington, D.C.

Ecology, EPA, and DOE, 1998, *Hanford Federal Facility Agreement and Consent Order*, as amended, Washington State Department of Ecology, U.S. Environmental Protection Agency, and U.S. Department of Energy, Olympia, Washington.

FDH, 1999, *National Environmental Policy Act Source Guide for the Hanford Site*, HNF-SP-0903, Fluor Daniel Hanford, Inc., Richland, Washington.

*National Environmental Policy Act of 1969*, 42 USC 4321, et seq.

RL, 1996, *Hanford Strategic Plan*, DOE/RL-96-92, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL, 1997a, *Basic Planning and Work Performance of Hanford Site Environmental Management Activities*, DOE/RL-97-52, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL, 1998, *Accelerating Cleanup: Paths To Closure -- Hanford Site*, DOE/RL-97-57, U.S. Department of Energy, Richland Operations Office, Richland, Washington.